

Scott Gustin

From: Megan Moir
Sent: Friday, January 03, 2014 1:54 PM
To: Kenney, Justin; Scott Mapes (SMMAPES@aol.com); Scott Gustin; Jennifer Green; Sandrine Thibault
Cc: dalbrecht@ccrpcvt.org; marcher@vlct.org; Pease, Jim; Steve Roy
Subject: Green Infrastructure Technical Assistance Letter of Interest Storm-brain

Hi all,

I am working on submitting a letter of interest for the EPA Green Infrastructure Technical Assistance program to help us advance some elements of green infrastructure implementation in the City of Burlington. See [Request for Letters of Interest](#).

Here is my ROUGH workplan proposal (ideas, not in the format required for Letter of Interest yet).

- A. I am interested in your feedback on these proposed concepts – still working on detailed workplan (the letters of interest are due Jan 24... so if you could provide any feedback by Tuesday (**Jan 7**) of next week, that would be great so that I can keep working on it before/during my trip overseas). If you want to provide feedback, but need more time, let me know by then and I will check in with you before I move forward.
- B. Would you (or your respective boards/departments) all be willing to be key project partners (Scott Mapes, can you float by conservation board members either now or later when more developed?) and perhaps provide letter of support?
- C. **Sandrine/Jen Green/Scott Gustin** – can you send me any language/details you may already have regarding
 - a. demonstration of level of public/private support for advancing green infrastructure (i.e. Plan BTV, Open Space Plan, Climate Action Plan)
 - b. “community priorities” that a green infrastructure approach would address...
- D. **JustinK/Jim Pease/Milly/CCRPC** – would you want to officially PARTNER with the City on this?

“The Burlington Stormwater Management Program proposal would involve all/some of the following elements.

1) Green Infrastructure Stormwater Management Requirements Framework for Development

- As part of Burlington Stormwater Program’s 2014 effort to further formalize stormwater management mitigation requirement framework for new and redeveloped projects:
 - Advise in the creation of a framework where GI practices are not just encouraged but actually **required** to be considered (and potentially **receive more mitigation credit** than grey practices), with accompanying GI feasibility matrix.
 - example – not less than X% of stormwater management requirement must be met through GI
 - require soils testing to “prove” infiltration (in)feasibility
 - Balance strengthening of stormwater standards which may not be achievable on all sites with the development of off-site mitigation (developer constructs a project off-site or in ROW) and “fee in lieu of” programs (where the City will construct green infrastructure projects)
 - Elements to include:
 - Policies/templates for easements related to off-site mitigation (particularly when in the Public ROW).

- Determining the minimum level of Green/Grey management that must be provided on site and/or providing feasibility matrix (we don't want people just deciding to pay vs. trying to manage on their site)
 - Determining method for calculating payments for fee in lieu of
- Developing 4-6 "seed" projects through preliminary engineering so that there is at least one small-medium green infrastructure project in each collection system/receiving water towards which fees in lieu of could be directed.
 - Winooski River
 - Main Plant
 - North Plant
 - East Plant
 - Lake Champlain "South"
 - Lake Champlain "North"
 - The following waterbodies already have (or will have within the next year) sufficient project plans for this purpose
 - Lake Champlain Central* (College Street Watershed)
 - Englesby*
 - Centennial*

2) Green Infrastructure Incentives Plan

Develop comprehensive incentives program to encourage green infrastructure for new, infill and redevelopment projects, as well as for management of existing impervious. Review options and make recommendations for adoption of programs such as:

- No/Low interest loans for green infrastructure implementation
- Rebate program for residential properties
- Credits on permit fees (planning and zoning, building permits) when implementing green infrastructure practices
- Zoning bonuses (figure out what developers want and then trade them that for MORE green infrastructure development)
- Inclusion of Green Infrastructure requirements/considerations in Form Based Code to incentivize/require green infrastructure
 - i.e. Toronto requires green roofs for new building construction

3) Burlington Green Infrastructure Toolbox/Manual (work largely done/paid for by City, with advisement

Building off of the work of others in Vermont and nearby states, assemble design standards and guidance for a variety of urban oriented green infrastructure practices both for private sites and right of way practices that may be implemented as part of off-site mitigation efforts or payment of fee in lieu of.

- Include example of stormwater management plan template.
- BSWMP develops content/practices, contractor advises to ensure consistency with national knowledge and provides layout/graphic design to create professional product."

Megan Moir, CPESC, CPSWQ *Please note, I will be out of the office Jan 10 – Feb 3*

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